

Resource Summary Report

Generated by [ASWG](#) on Jul 29, 2026

[w\[*\]; P{w\[+mC\]=Sgs3-GFP}2](#)

RRID:BDSC_5884

Type: Organism

Proper Citation

RRID:BDSC_5884

Organism Information

URL: <https://n2t.net/bdsc:5884>

Proper Citation: RRID:BDSC_5884

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Sgs3-GFP}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating SM6a. Donor: Lucy Cherbas, Indiana University, Bloomington; Donor's Source: Andy Andres, Northwestern University

Affected Gene: Sgs3, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 5884

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5884, BL5884

Organism Name: w[*]; P{w[+mC]=Sgs3-GFP}2

Record Creation Time: 20240911T222156+0000

Record Last Update: 20260725T194828+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Sgs3-GFP}2.

No alerts have been found for w[*]; P{w[+mC]=Sgs3-GFP}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Simon E, et al. (2025) Filopodia are essential for steroid release. Nature communications, 16(1), 5501.

Das A, et al. (2025) A novel role for the E2F transcription factor and the ER stress sensor IRE1 in cytoplasmic DNA accumulation. Genetics, 231(3).

Szenci G, et al. (2024) The Ykt6-Snap29-Syx13 SNARE complex promotes crinophagy via secretory granule fusion with Lamp1 carrier vesicles. Scientific reports, 14(1), 3200.

Ma CJ, et al. (2021) Quantitation of Secretory Granule Size in Drosophila Larval Salivary Glands. Bio-protocol, 11(11), e4039.

Kamalesh K, et al. (2021) Exocytosis by vesicle crumpling maintains apical membrane homeostasis during exocrine secretion. Developmental cell, 56(11), 1603.

Mao D, et al. (2019) VAMP associated proteins are required for autophagic and lysosomal degradation by promoting a PtdIns4P-mediated endosomal pathway. Autophagy, 15(7), 1214.

Segal D, et al. (2018) Feedback inhibition of actin on Rho mediates content release from large secretory vesicles. The Journal of cell biology, 217(5), 1815.

Ji S, et al. (2018) A molecular switch orchestrates enzyme specificity and secretory granule morphology. Nature communications, 9(1), 3508.